



Computer Science with Mathematica: Theory and Practice for Science, Mathematics, and Engineering

By Roman E. Maeder

CAMBRIDGE UNIVERSITY PRESS, United Kingdom, 2005. Paperback. Book Condition: New. 242 x 188 mm. Language: English Brand New Book ***** Print on Demand *****.Computer algebra systems have revolutionized the use of computers within mathematics research, and are currently extending that revolution to the undergraduate mathematics curriculum. But the power of such systems goes beyond simple algebraic or numerical manipulation. This book shows how computer-aided mathematics has reached a level where it can support effectively many of the computations in science and engineering. In addition to treating traditional computer science topics, an introductory course should show scientists and engineers how these computer-based tools can be used to do scientific computations. A valuable text for computer science courses for scientists and engineers, this book should also prove useful to Mathematica users at all levels. Covering the latest release of Mathematica, the book includes useful tips and techniques to help even seasoned users.



[READ ONLINE](#)
[3.35 MB]

Reviews

Very good electronic book and useful one. it absolutely was writtern extremely completely and useful. You will not feel monotony at at any moment of your respective time (that's what catalogs are for relating to when you question me).

-- Prof. Noah Zemlak DDS

It is an incredible book which i actually have ever go through. it had been writtern extremely completely and helpful. You can expect to like the way the blogger publish this book.

-- Prof. Jerad Lesch